

LIMCH1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14849**Specification**

LIMCH1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9UPQ0
Other Accession	NM_014988 , NP_055803
Reactivity	Human, Mouse, Rat, Rabbit, Dog
Predicted	Human, Mouse, Rat, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121kDa KDa

LIMCH1 antibody - C-terminal region - Additional Information**Gene ID** 22998

Alias Symbol	DKFZp434I0312, DKFZp686A01247, DKFZp686B2470, DKFZp686G18243, DKFZp686G2094, DKFZp781C1754, DKFZp781I1455, LIMCH1A, LMO7B, MGC72127
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Other Names

LIM and calponin homology domains-containing protein 1, LIMCH1, KIAA1102

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LIMCH1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LIMCH1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LIMCH1 antibody - C-terminal region - Protein Information**Name** LIMCH1 ([HGNC:29191](#))**Function**

Actin stress fibers-associated protein that activates non-muscle myosin IIa. Activates the non-muscle myosin IIa complex by promoting the phosphorylation of its regulatory subunit MRLC/MYL9. Through the activation of non-muscle myosin IIa, positively regulates actin stress fibers assembly and stabilizes focal adhesions. It therefore negatively regulates cell spreading and cell migration.

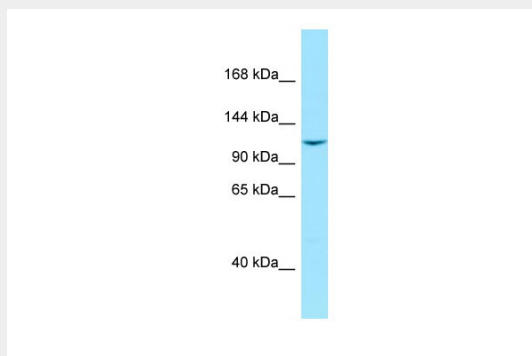
Cellular Location

Cytoplasm, cytoskeleton, stress fiber

LIMCH1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LIMCH1 antibody - C-terminal region - Images

Host: Rabbit

Target Name: LIMCH1

Antibody Dilution: 1.0µg/ml

Sample Tissue: THP-1 cell lysate

LIMCH1 antibody - C-terminal region - References

Kikuno R., et al. DNA Res. 6:197-205(1999).
Nakajima D., et al. DNA Res. 9:99-106(2002).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Hillier L.W., et al. Nature 434:724-731(2005).
Olsen J.V., et al. Cell 127:635-648(2006).